



Synergy Resources Corporation

SEC. 34-T6N-R66W

Beebe 3-34 Pad

Beebe 14C-26-M

OH

Plan #2

Anticollision Summary Report

17 February, 2017

Company:	Synergy Resources Corporation	Local Co-ordinate Reference:	Well Beebe 14C-26-M
Project:	SEC. 34-T6N-R66W	TVD Reference:	GL 4701 & KB 25 @ 4726.00ft
Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4701 & KB 25 @ 4726.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Reference	Plan #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00 ft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	2/17/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	14,413.57	Plan #2 (OH)	MWD+IFR1	OWSG MWD + IFR1	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
AG #32-41 - OH - OH	6,800.00	6,506.35	6,942.07	6,681.53	26.645	ES
AG #32-41 - OH - OH	6,800.46	6,505.89	6,942.07	6,681.55	26.646	CC
AG #32-41 - OH - OH	7,300.00	6,942.09	7,125.43	6,848.66	25.745	SF
AG 30N-31B-L - OH - Design #1	6,780.31	6,420.00	5,566.91	5,502.08	85.878	CC, ES
AG 30N-31B-L - OH - Design #1	6,950.00	6,450.00	5,591.42	5,525.93	85.379	SF
AG 30N-31-L - OH - Design #1	6,789.69	6,550.00	5,745.73	5,680.39	87.930	CC, ES
AG 30N-31-L - OH - Design #1	7,000.00	6,572.15	5,782.68	5,716.60	87.515	SF
AG 32-31D - OH - OH	3,896.12	1,736.00	7,989.90	7,964.04	308.940	CC
AG 32-31D - OH - OH	4,500.00	4,500.00	8,004.09	7,962.26	191.338	ES
AG 32-31D - OH - OH	7,300.00	7,300.00	8,377.85	8,311.06	125.435	SF
AG 32-32D - OH - OH	3,408.44	1,278.74	8,168.79	8,145.06	344.257	CC
AG 32-32D - OH - OH	3,800.00	1,623.60	8,171.37	8,143.25	290.525	ES
AG 32-32D - OH - OH	6,700.00	6,700.00	8,368.36	8,291.42	108.769	SF
AG 32-65D - OH - OH	6,774.48	6,473.02	7,716.22	7,649.07	114.907	CC, ES
AG 32-65D - OH - OH	7,150.00	6,801.17	7,820.81	7,751.47	112.779	SF
AG 33-11D - OH - OH	6,822.19	6,947.27	5,746.58	5,679.32	85.429	CC, ES
AG 33-11D - OH - OH	7,050.00	7,064.41	5,787.73	5,719.28	84.545	SF
ARNBRECHT #1-27 - OH - OH	11,076.65	7,157.51	1,273.17	904.17	3.450	CC
ARNBRECHT #1-27 - OH - OH	11,100.00	7,157.63	1,273.38	903.89	3.446	ES
ARNBRECHT #1-27 - OH - OH	11,200.00	7,158.14	1,279.13	907.96	3.446	SF
ARNBRECHT #2-27 - OH - OH	9,598.44	7,151.03	1,302.58	972.29	3.944	CC
ARNBRECHT #2-27 - OH - OH	9,600.00	7,151.04	1,302.58	972.26	3.943	ES
ARNBRECHT #2-27 - OH - OH	9,700.00	7,151.55	1,306.53	974.44	3.934	SF
Beebe 10N-29B-L - OH - Plan #2	676.11	682.92	405.71	396.89	46.006	CC
Beebe 10N-29B-L - OH - Plan #2	700.00	707.37	405.76	396.81	45.338	ES
Beebe 10N-29B-L - OH - Plan #2	7,450.00	7,909.11	936.60	849.59	10.764	SF
Beebe 10N-29C-L - OH - Plan #2	645.07	648.77	410.68	402.03	47.496	CC, ES
Beebe 10N-29C-L - OH - Plan #2	8,100.00	7,276.77	1,132.35	1,044.38	12.872	SF
Beebe 11C-26-M - OH - Plan #2	400.00	401.00	80.14	72.57	10.590	CC, ES
Beebe 11C-26-M - OH - Plan #2	14,413.57	14,559.40	1,059.21	634.78	2.496	SF
Beebe 11N-26A-M - OH - Plan #2	302.05	303.05	99.83	92.55	13.726	CC, ES
Beebe 11N-26A-M - OH - Plan #2	14,413.57	14,331.11	1,266.08	850.01	3.043	SF
Beebe 11N-26C-M - OH - Plan #2	300.00	301.00	119.86	112.59	16.493	CC, ES
Beebe 11N-26C-M - OH - Plan #2	14,413.57	14,561.28	1,407.35	983.21	3.318	SF
Beebe 14N-26B-M - OH - Plan #2	504.00	504.00	20.04	12.58	2.685	CC
Beebe 14N-26B-M - OH - Plan #2	14,413.57	14,265.22	373.71	-9.25	0.976	Level 1, ES, SF
Beebe 15C-29-L - OH - Plan #2	7,758.04	7,590.37	33.35	-50.67	0.397	Level 1, CC, ES, SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4701 & KB 25 @ 4726.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Beebe 3-34 Pad						
Beebe 15N-29B-L - OH - Plan #2	7,380.18	7,803.75	274.15	189.01	3.220	CC, ES, SF
Beebe 23C-26-M - OH - Plan #2	500.00	501.00	40.07	32.12	5.039	CC, ES
Beebe 23C-26-M - OH - Plan #2	14,413.57	14,465.60	553.23	128.55	1.303	Level 3, SF
Beebe 23C-29-L - OH - Plan #2	698.88	708.24	402.51	394.00	47.283	CC
Beebe 23C-29-L - OH - Plan #2	700.00	709.40	402.51	393.99	47.247	ES
Beebe 23C-29-L - OH - Plan #2	8,030.01	7,379.12	684.57	597.83	7.892	SF
Beebe 23N-26C-M - OH - Plan #2	402.14	403.14	60.11	53.07	8.543	CC
Beebe 23N-26C-M - OH - Plan #2	500.00	500.24	60.43	52.99	8.117	ES
Beebe 23N-26C-M - OH - Plan #2	14,413.57	14,404.80	782.63	360.18	1.853	SF
Beebe 23N-29A-L - OH - Plan #2	707.98	717.64	400.43	391.87	46.739	CC
Beebe 23N-29A-L - OH - Plan #2	800.00	814.60	401.00	391.86	43.867	ES
Beebe 23N-29A-L - OH - Plan #2	7,250.00	7,815.67	518.75	432.67	6.026	SF
Beebe 25C-26-M - OH - Plan #2	202.01	203.01	139.89	133.42	21.598	CC, ES
Beebe 25C-26-M - OH - Plan #2	14,413.57	14,734.12	1,678.57	1,253.77	3.951	SF
Beebe 25C-29-L - OH - Plan #2	200.00	199.00	430.80	424.32	66.565	CC
Beebe 25C-29-L - OH - Plan #2	300.00	297.81	430.93	424.24	64.384	ES
Beebe 25C-29-L - OH - Plan #2	8,600.00	6,986.43	1,737.61	1,644.30	18.621	SF
Beebe 25N-26B-M - OH - Plan #2	200.00	201.00	159.92	153.44	24.702	CC, ES
Beebe 25N-26B-M - OH - Plan #2	14,413.57	14,646.85	1,924.40	1,500.26	4.537	SF
Beebe 25N-29A-L - OH - Plan #2	610.37	610.89	416.70	408.70	52.129	CC, ES
Beebe 25N-29A-L - OH - Plan #2	7,350.00	8,008.59	1,380.18	1,291.48	15.560	SF
Beebe 25N-29C-L - OH - Plan #2	207.02	206.02	423.66	417.18	65.341	CC
Beebe 25N-29C-L - OH - Plan #2	500.00	497.96	423.92	416.48	56.993	ES
Beebe 25N-29C-L - OH - Plan #2	8,400.00	7,055.80	1,552.05	1,461.26	17.096	SF
Beebe 36C-26-M - OH - Plan #2	600.00	600.00	40.08	32.14	5.049	CC
Beebe 36C-26-M - OH - Plan #2	14,413.57	14,368.11	350.98	-73.76	0.826	Level 1, ES, SF
Beebe 36C-29-L - OH - Plan #2	600.00	602.00	404.36	396.42	50.902	CC, ES
Beebe 36C-29-L - OH - Plan #2	7,500.00	7,768.41	625.20	542.43	7.554	SF
Beebe 36N-26B-M - OH - Plan #2	600.00	600.00	20.04	12.10	2.524	CC, ES
Beebe 36N-26B-M - OH - Plan #2	14,413.57	14,219.92	181.86	27.30	1.177	Level 2, SF
Beebe 36N-26C-M - OH - Plan #2	600.00	600.00	60.10	52.17	7.572	CC, ES
Beebe 36N-26C-M - OH - Plan #2	14,413.57	14,247.29	587.46	171.25	1.411	Level 3, SF
Beebe 36N-29B-L - OH - Plan #2	7,250.00	7,807.85	377.56	293.42	4.487	ES, SF
Beebe 36N-29B-L - OH - Plan #2	7,254.46	7,789.35	377.54	293.67	4.501	CC
Beebe 36N-29C-L - OH - Plan #2	7,393.16	7,781.39	173.17	89.28	2.064	CC, ES, SF
BROWN, H I #1-27 - OH - OH	9,552.29	7,133.80	120.03	-208.51	0.365	Level 1, CC, ES, SF
BROWN, H I #3-27 - OH - OH	11,004.96	7,141.15	124.15	-242.36	0.339	Level 1, CC, ES, SF
BROWN, H I #4-27 - OH - OH	8,393.54	7,135.93	88.95	-212.04	0.296	Level 1, CC, ES, SF
BROWN, H. I. #2-27 - OH - OH	8,426.07	7,138.10	1,285.81	982.32	4.237	CC
BROWN, H. I. #2-27 - OH - OH	8,451.98	7,138.23	1,286.07	982.11	4.231	ES
BROWN, H. I. #2-27 - OH - OH	8,600.00	7,138.98	1,293.72	987.26	4.221	SF
BROWN-DAVEE #1-34 - OH - OH	10,848.29	7,100.00	1,391.37	1,246.42	9.599	CC
BROWN-DAVEE #1-34 - OH - OH	10,900.00	7,100.00	1,392.33	1,245.82	9.504	ES
BROWN-DAVEE #1-34 - OH - OH	11,100.00	7,100.00	1,413.95	1,262.87	9.359	SF
BUXMAN I #26-6 - OH - OH	13,832.85	7,152.22	2,558.24	2,114.26	5.762	CC
BUXMAN I #26-6 - OH - OH	13,900.00	7,152.54	2,559.12	2,113.71	5.746	ES
BUXMAN I #26-6 - OH - OH	14,100.00	7,153.50	2,572.15	2,123.29	5.730	SF
BUXMAN, H #2-27 - OH - OH	7,280.39	6,921.80	1,297.76	1,019.86	4.670	CC
BUXMAN, H #2-27 - OH - OH	7,300.00	6,936.09	1,297.92	1,019.47	4.661	ES
BUXMAN, H #2-27 - OH - OH	7,400.00	7,002.41	1,303.83	1,022.78	4.639	SF
BUXMAN, H. #1-27 - OH - OH	6,843.24	6,527.14	114.85	-144.49	0.443	Level 1, CC
BUXMAN, H. #1-27 - OH - OH	6,850.00	6,533.77	114.89	-144.76	0.442	Level 1, ES, SF
CROISSANT #1-27 - OH - OH	7,396.46	7,005.26	2,540.98	2,258.90	9.008	CC

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Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
CROISSANT #1-27 - OH - OH	7,450.00	7,036.10	2,541.88	2,258.39	8.966	ES
CROISSANT #1-27 - OH - OH	7,650.00	7,117.27	2,562.58	2,274.74	8.903	SF
DOERING #28-10 - OH - OH	6,879.65	6,570.84	3,260.35	3,000.17	12.531	CC
DOERING #28-10 - OH - OH	6,900.00	6,609.28	3,260.65	2,999.05	12.465	ES
DOERING #28-10 - OH - OH	7,150.00	6,822.51	3,312.32	3,042.66	12.283	SF
DOERING #28-16 - OH - OH	6,809.81	6,463.70	1,282.71	1,221.22	20.859	CC, ES
DOERING #28-16 - OH - OH	6,900.00	6,549.10	1,289.30	1,227.03	20.706	SF
DOERING 1 #28-23 - OH - OH	6,849.78	6,503.56	2,233.80	2,173.15	36.828	CC
DOERING 1 #28-23 - OH - OH	6,850.00	6,503.78	2,233.80	2,173.15	36.827	ES
DOERING 1 #28-23 - OH - OH	7,000.00	6,659.52	2,250.59	2,188.80	36.423	SF
DOERING, G W #2-28 - OH - OH	6,973.29	6,663.53	1,994.12	1,729.41	7.533	CC
DOERING, G W #2-28 - OH - OH	7,000.00	6,688.90	1,994.48	1,728.82	7.508	ES
DOERING, G W #2-28 - OH - OH	7,200.00	6,866.27	2,021.42	1,749.13	7.424	SF
EDITH #1-26 (150) - OH - OH	12,617.29	7,163.31	153.07	-258.44	0.372	Level 1, CC, ES, SF
FEIT #26-10G6 - OH - OH	14,413.57	7,155.00	1,528.06	1,107.37	3.632	CC, ES, SF
FEIT BROTHERS #1-26 - OH - OH	14,413.57	7,050.00	774.92	706.02	11.247	CC, ES, SF
FEIT BROTHERS #2-27 (150) - OH - OH	9,766.48	6,925.00	2,546.42	2,430.20	21.909	CC
FEIT BROTHERS #2-27 (150) - OH - OH	9,800.00	6,925.00	2,546.64	2,429.67	21.770	ES
FEIT BROTHERS #2-27 (150) - OH - OH	10,500.00	6,925.00	2,649.97	2,520.25	20.429	SF
FEUERSTEIN #1 (150) - OH - OH	6,843.40	6,101.71	6,774.92	6,530.44	27.711	CC
FEUERSTEIN #1 (150) - OH - OH	6,850.00	6,104.77	6,774.95	6,530.33	27.696	ES
FEUERSTEIN #1 (150) - OH - OH	7,300.00	6,504.09	6,930.20	6,670.85	26.722	SF
Feuerstein #128-63-1HN - OH - OH	7,100.00	11,288.00	1,587.59	1,511.58	20.887	SF
Feuerstein #128-63-1HN - OH - OH	7,110.73	11,288.00	1,587.47	1,511.48	20.892	CC, ES
Feuerstein #129-63HN - OH - OH	6,803.10	6,265.47	6,037.78	5,976.77	98.962	CC, ES
Feuerstein #129-63HN - OH - OH	7,000.00	6,316.00	6,070.29	6,008.31	97.941	SF
FEUERSTEIN #128-64-1HC - OH - OH	7,050.00	11,196.00	1,728.48	1,605.59	14.065	SF
FEUERSTEIN #128-64-1HC - OH - OH	7,058.31	11,196.00	1,728.41	1,605.55	14.068	CC, ES
FEURSTEIN #44-29 (1150) - OH - OH	6,822.21	6,523.48	6,566.23	6,306.16	25.248	CC
FEURSTEIN #44-29 (1150) - OH - OH	6,850.00	6,550.77	6,566.84	6,305.70	25.147	ES
FEURSTEIN #44-29 (1150) - OH - OH	7,250.00	6,912.88	6,705.03	6,430.49	24.423	SF
G W DOERING #1-28 - OH - OH	6,818.51	6,508.83	2,952.03	2,692.29	11.366	CC
G W DOERING #1-28 - OH - OH	6,850.00	6,539.77	2,952.81	2,691.86	11.316	ES
G W DOERING #1-28 - OH - OH	7,050.00	6,731.55	2,993.91	2,725.67	11.161	SF
GOETZEL #1-29 - OH - OH	6,847.15	6,420.29	8,474.08	8,413.75	140.474	CC, ES
GOETZEL #1-29 - OH - OH	7,450.00	7,450.00	8,732.71	8,667.13	133.143	SF
GOETZEL #3-29 - OH - OH	6,816.49	6,523.38	8,191.96	8,129.77	131.721	CC, ES
GOETZEL #3-29 - OH - OH	7,250.00	7,250.00	8,335.05	8,268.86	125.924	SF
GOETZEL 12N-30A-M - OH - Design #1	6,809.78	6,350.00	8,193.05	8,131.41	132.936	CC, ES
GOETZEL 12N-30A-M - OH - Design #1	7,000.00	6,350.00	8,223.09	8,160.87	132.154	SF
GOETZEL 12N-30B-M - OH - Design #1	6,814.50	6,450.00	8,167.66	8,104.91	130.169	CC, ES
GOETZEL 12N-30B-M - OH - Design #1	7,000.00	6,450.00	8,196.34	8,133.00	129.411	SF
GOETZEL 12N-30C-M - OH - Design #1	6,823.53	6,500.00	8,216.32	8,154.04	131.935	CC, ES
GOETZEL 12N-30C-M - OH - Design #1	7,000.00	6,500.00	8,242.13	8,179.29	131.161	SF
GOETZEL 13C-30-M - OH - Design #1	6,808.34	6,700.00	8,109.98	8,039.69	115.378	CC, ES
GOETZEL 13C-30-M - OH - Design #1	7,000.00	6,700.00	8,140.80	8,069.88	114.783	SF
GOETZEL 13N-30A-M - OH - Design #1	6,793.74	6,400.00	8,121.78	8,055.00	121.633	CC, ES
GOETZEL 13N-30A-M - OH - Design #1	7,000.00	6,450.00	8,157.15	8,089.50	120.574	SF
GOETZEL 32C-30-M2 - OH - Design #1	6,835.20	6,600.00	8,279.01	8,215.94	131.266	CC, ES
GOETZEL 32C-30-M2 - OH - Design #1	7,050.00	6,650.00	8,316.48	8,252.58	130.154	SF
GOETZEL 32N-30B-M - OH - Design #1	6,821.25	6,450.00	8,249.86	8,187.81	132.965	CC, ES
GOETZEL 32N-30B-M - OH - Design #1	7,050.00	6,500.00	8,292.37	8,229.48	131.855	SF
GOETZEL 33C-30-M - OH - Design #1	6,821.95	6,600.00	8,141.77	8,077.58	126.854	CC, ES

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Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
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Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

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Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
GOETZEL 33C-30-M - OH - Design #1	7,000.00	6,600.00	8,168.28	8,103.52	126.126	SF
GOETZEL 33N-30B-M - OH - Design #1	6,806.66	6,475.33	8,124.55	8,059.57	125.031	CC, ES
GOETZEL 33N-30B-M - OH - Design #1	7,000.00	6,500.00	8,155.76	8,090.06	124.132	SF
GOETZEL 34C-30-M - OH - Design #1	6,803.10	6,750.00	8,123.40	8,049.99	110.662	CC, ES
GOETZEL 34C-30-M - OH - Design #1	6,950.00	6,800.00	8,141.37	8,067.16	109.704	SF
GOETZEL 34N-30C-M - OH - Design #1	6,799.93	6,650.00	8,119.05	8,047.47	113.423	CC
GOETZEL 34N-30C-M - OH - Design #1	6,800.00	6,650.00	8,119.05	8,047.47	113.422	ES
GOETZEL 34N-30C-M - OH - Design #1	6,950.00	6,650.00	8,138.01	8,065.89	112.848	SF
HD FEIT #1-26 - OH - OH	12,154.76	7,220.00	2,686.36	2,288.25	6.748	CC
HD FEIT #1-26 - OH - OH	12,200.00	7,220.00	2,686.74	2,287.29	6.726	ES
HD FEIT #1-26 - OH - OH	12,800.00	7,220.00	2,742.09	2,328.94	6.637	SF
IRVING #1-26 (150) - OH - OH	12,469.82	7,162.57	1,566.53	1,159.22	3.846	CC
IRVING #1-26 (150) - OH - OH	12,600.00	7,163.22	1,568.98	1,158.10	3.819	ES
IRVING #1-26 (150) - OH - OH	12,700.00	7,163.72	1,574.17	1,161.29	3.813	SF
IRVING #5 (150) - OH - Plan (Plan Assumed MWD Tool	12,947.41	6,767.41	831.92	655.90	4.726	CC, ES, SF
JONES, WALTER #1-26 - OH - OH	14,413.57	7,157.00	2,751.21	2,296.42	6.049	CC, ES, SF
LOWELL-PAUL DAIRY #1-33 - OH - OH	6,712.71	6,389.42	1,830.97	1,789.84	44.518	CC, ES
LOWELL-PAUL DAIRY #1-33 - OH - OH	6,850.00	6,523.77	1,842.07	1,800.31	44.108	SF
MCKAY LAND & CATTLE CO #1 - OH - OH	6,858.22	6,557.84	4,270.42	4,010.42	16.425	CC
MCKAY LAND & CATTLE CO #1 - OH - OH	6,900.00	6,601.28	4,271.74	4,010.07	16.325	ES
MCKAY LAND & CATTLE CO #1 - OH - OH	7,200.00	6,872.27	4,357.13	4,085.37	16.033	SF
PAYNE #2-26 (150) - OH - OH	13,518.98	7,154.71	992.78	557.39	2.280	CC, ES, SF
RONALD #1-28 (150) - OH - OH	6,931.98	6,643.79	3,787.07	3,523.85	14.388	CC
RONALD #1-28 (150) - OH - OH	6,950.00	6,661.19	3,787.26	3,523.38	14.352	ES
RONALD #1-28 (150) - OH - OH	7,250.00	6,925.88	3,846.81	3,572.95	14.047	SF
RUSTY #1-26 (150) - OH - OH	13,856.39	7,133.34	179.60	-264.37	0.405	Level 1, CC, ES, SF
SWANSON #1 (150) - OH - OH	6,877.34	6,580.57	5,981.32	5,720.79	22.958	CC
SWANSON #1 (150) - OH - OH	6,900.00	6,602.72	5,981.69	5,720.30	22.885	ES
SWANSON #1 (150) - OH - OH	7,300.00	6,953.09	6,105.81	5,831.44	22.254	SF
SWANSON #28-23 - OH - OH	6,879.59	6,588.78	6,232.14	5,971.33	23.896	CC
SWANSON #28-23 - OH - OH	6,900.00	6,608.72	6,232.43	5,970.86	23.827	ES
SWANSON #28-23 - OH - OH	7,350.00	7,006.33	6,384.04	6,107.78	23.109	SF
SWANSON #28-24 - OH - OH	6,902.77	6,607.41	4,797.14	4,535.62	18.343	CC
SWANSON #28-24 - OH - OH	6,950.00	6,653.19	4,798.62	4,535.33	18.226	ES
SWANSON #28-24 - OH - OH	7,300.00	6,955.09	4,899.19	4,624.64	17.845	SF
SWANSON #29-14 - OH - OH	6,861.59	6,568.14	7,309.59	7,049.31	28.083	CC
SWANSON #29-14 - OH - OH	6,900.00	6,605.72	7,310.70	7,048.96	27.932	ES
SWANSON #29-14 - OH - OH	7,350.00	7,009.33	7,480.45	7,203.95	27.054	SF
TROUDT #2-27 (150) - OH - OH	8,173.04	7,142.82	2,574.57	2,275.82	8.618	CC
TROUDT #2-27 (150) - OH - OH	8,200.00	7,142.95	2,574.84	2,275.65	8.606	ES
TROUDT #2-27 (150) - OH - OH	8,801.97	7,146.00	2,645.17	2,335.48	8.541	SF

Company:	Synergy Resources Corporation	Local Co-ordinate Reference:	Well Beebe 14C-26-M
Project:	SEC. 34-T6N-R66W	TVD Reference:	GL 4701 & KB 25 @ 4726.00ft
Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4701 & KB 25 @ 4726.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 4701 & KB 25 @ 4726.00ft

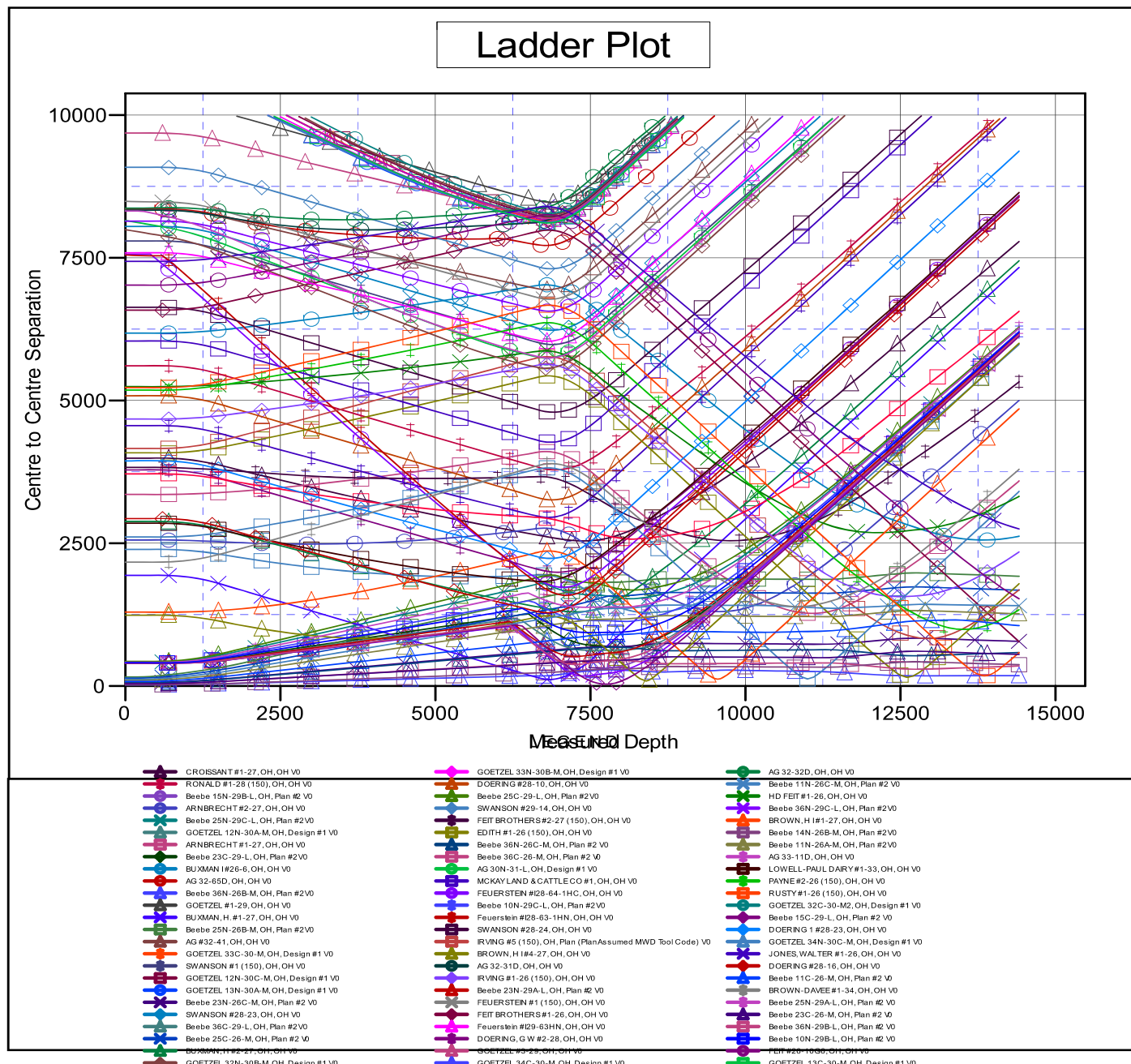
Offset Depths are relative to Offset Datum

Central Meridian is -105.5000000

Coordinates are relative to: Beebe 14C-26-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.47°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Synergy Resources Corporation	Local Co-ordinate Reference:	Well Beebe 14C-26-M
Project:	SEC. 34-T6N-R66W	TVD Reference:	GL 4701 & KB 25 @ 4726.00ft
Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4701 & KB 25 @ 4726.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 14C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.68 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 4701 & KB 25 @ 4726.00ft

Offset Depths are relative to Offset Datum

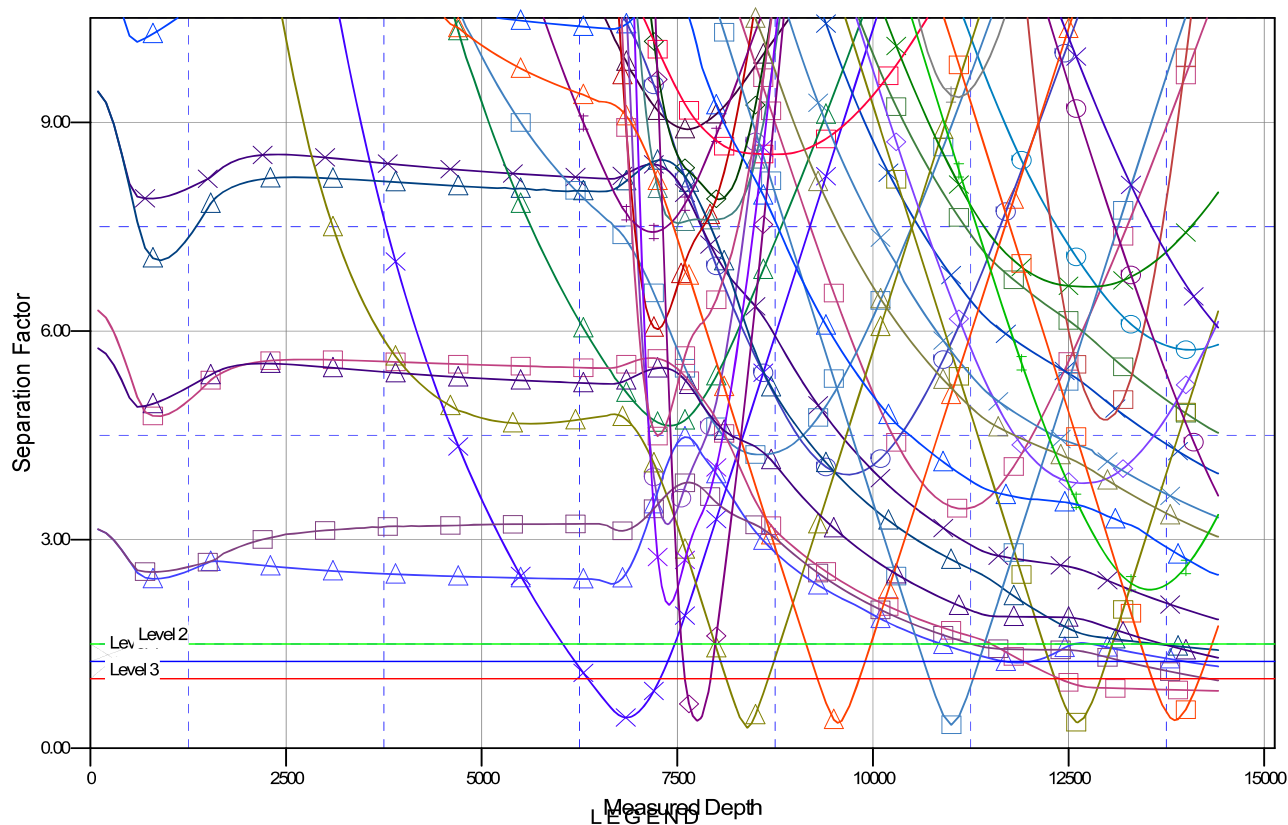
Central Meridian is -105.5000000

Coordinates are relative to: Beebe 14C-26-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.47°

Separation Factor Plot



<ul style="list-style-type: none"> CROISSANT #1-27, OH, OH V0 RONALD #1-28 (150), OH, OH V0 Beebe 15N-29B-L, OH, Plan #2 V0 ARNBRECHT #2-27, OH, OH V0 Beebe 25N-29C-L, OH, Plan #2 V0 GOETZEL 12N-30A-M, OH, Design #1 V0 ARNBRECHT #1-27, OH, OH V0 Beebe 23C-29-L, OH, Plan #2 V0 BUCHANAN #26-6, OH, OH V0 AG 32-65D, OH, OH V0 Beebe 36N-26B-M, OH, Plan #2 V0 GOETZEL #1-29, OH, OH V0 BUCHANAN, H. #1-27, OH, OH V0 Beebe 25N-26B-M, OH, Plan #2 V0 AG 32-41, OH, OH V0 GOETZEL 33C-30-M, OH, Design #1 V0 SWANSON #1 (150), OH, OH V0 GOETZEL 12N-30C-M, OH, Design #1 V0 GOETZEL 13N-30A-M, OH, Design #1 V0 Beebe 23N-26C-M, OH, Plan #2 V0 SWANSON #28-23, OH, OH V0 Beebe 36C-29-L, OH, Plan #2 V0 Beebe 25C-26-M, OH, Plan #2 V0 GOETZEL #2-27, OH, OH V0 GOETZEL 33N-30B-M, OH, Design #1 V0 	<ul style="list-style-type: none"> GOETZEL 33N-30B-M, OH, Design #1 V0 DOERING #28-10, OH, OH V0 Beebe 25C-29-L, OH, Plan #2 V0 SWANSON #29-14, OH, OH V0 FEIT BROTHERS #2-27 (150), OH, OH V0 EDITH #1-26 (150), OH, OH V0 Beebe 36N-26C-M, OH, Plan #2 V0 Beebe 36C-26-M, OH, Plan #2 V0 AG 30N-31-L, OH, Design #1 V0 MCKAY LAND & CATTLECO #1, OH, OH V0 FEUERSTEN #28-64-1H, OH, OH V0 Beebe 10N-29C-L, OH, Plan #2 V0 Feuerstein #28-63-1HN, OH, OH V0 SWANSON #28-24, OH, OH V0 IRVING #5 (150), OH, Plan (Plan Assumed MWD Tool Code) V0 BROWN, H. #4-27, OH, OH V0 AG 32-31D, OH, OH V0 IRVING #1-26 (150), OH, OH V0 Beebe 23N-29A-L, OH, Plan #2 V0 FEUERSTEN #1 (150), OH, OH V0 FEIT BROTHERS #1-26, OH, OH V0 Feuerstein #28-63HN, OH, OH V0 DOERING, G.W. #2-28, OH, OH V0 GOETZEL #2-25, OH, OH V0 GOETZEL 34C-30-M, OH, Design #1 V0 	<ul style="list-style-type: none"> AG 32-32D, OH, OH V0 Beebe 11N-26C-M, OH, Plan #2 V0 HD FEIT #1-26, OH, OH V0 Beebe 36N-29C-L, OH, Plan #2 V0 BROWN, H. #1-27, OH, OH V0 Beebe 14N-26B-M, OH, Plan #2 V0 Beebe 11N-26A-M, OH, Plan #2 V0 AG 33-11D, OH, OH V0 LOWELL-PAUL DARY #1-33, OH, OH V0 PAYNE #2-26 (150), OH, OH V0 RUSTY #1-26 (150), OH, OH V0 GOETZEL 32C-30-M2, OH, Design #1 V0 Beebe 15C-29-L, OH, Plan #2 V0 DOERING #1 #28-23, OH, OH V0 GOETZEL 34N-30C-M, OH, Design #1 V0 JONES, WALTER #1-26, OH, OH V0 DOERING #28-16, OH, OH V0 Beebe 11C-26-M, OH, Plan #2 V0 BROWN-DAVEE #1-34, OH, OH V0 Beebe 25N-29A-L, OH, Plan #2 V0 Beebe 23C-26-M, OH, Plan #2 V0 Beebe 36N-29B-L, OH, Plan #2 V0 Beebe 10N-29B-L, OH, Plan #2 V0 FEIT #2-16B, OH, OH V0 GOETZEL 13C-30-M, OH, Design #1 V0
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